







TRAINING AGENDA

Agreement number: PPI/SPI/2020/1/00029/U/00001

Project title: Digital industry: training for students

IMPK 3

The scope of the training: Distance work of industrial firms – improvement of methods and tools

Training dates for IMPK 3:

- 17.01.2022 04.02.2022 (1 edition)
- 27.06.2022 15.07.2022 (2 edition)

| Serials No. | Title of a training | Number of hours |
|----------------|--|--------------------|
| 1. | Security aspect of remote work VPN virtual tunnels. Theoretical basis: types, architecture, the principle of operation, encryption protocols. Installation of the Open VPN program (configuration, addressing, parameter selection, key generation). Email encryption. Theoretical basis: types of encryption (symmetric and asymmetric), security, protocols, keys. Installation and configuration of OpenPGP. Installation and | 3 hours |
| | configuration of the e-mail client. IT tools for remote work - Oracle APEX | 5 hours |
| | Remote interface and work with a database. Examples of building and implementing database applications based on a built-in CMS (Content Management System). Creating a management cockpit and using tools for managing the work of a team. | |
| | Fundamentals of Oracle Data Visualization for Desktop Introduction to a single-user desktop application providing Oracle Data Visualization functionality to business users. Integration with different data sources. Exploring a set of capabilities to perform collaborative analytics for data analytics as also their workgroup, and enterprise. | 6 hours |
| 2. | Digital products and processes – market needs analysis, product design, manufacturing and sale | |
| | Introduction to SAP S/4HANA Next Generation Business Suite - S/4HANA - the digital core of the company that enables digital transformation. The main areas covered: - preparation of data for procurement, production and sale area, - going through to the sale process, - preparation of SOP for long term planning, - starting production orders and confirming production orders, - preparation of orders for SAP Manufacturing Execution (ME), - simulation in Industry 4.0 Factory. | 5 hours |
| | Digital products and processes, factory communication techniques and digital transformation of production firms Overview of the digital industry needs. Digital products manufacturing and sale. Digital manufacturing processes. New communication techniques in factories of the future. Digital transformation case studies. | 4 hours |









| | Digital products and processes – supporting applications | 5 hours |
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| | Review of selected computer programs supporting the management of production, | |
| | projects, resources, time and project finances. Critical analysis of the possibility of their | |
| | use in individual areas of the manufacturing process. Case study. | |
| 3. | Legal aspects of remote work | 3 hours |
| J. | Remote work - overview of the changes proposed to the Labor Code: Teleworking and | |
| | remote work. Equipment at work. Control of the method and conditions of work, health | |
| | and safety. Accident when working remotely. | |
| | The impact of cultural diversity on business relationships in the era of challenge | 3 hours |
| | Cultural differences and their influence on the cooperation in the business, focusing on | |
| | the cultures of Americans, Chinese, and Germans (cultural aspects, business in a | |
| | multinational and multicultural environment, awareness of the cultural differences that | |
| | impact the common existence and cooperation especially during Covid-19 pandemic, | |
| | effective communication between employees in international environment, multinational | |
| | cooperation in the business in the era of different challenges). | |
| | Building business relationships. Aspects of career development | 4 hours |
| | Strategies for career development. Networking as a tool of career devolpoment. Abilities | |
| | and features that make career devolopment easier. | |
| | Team leader | 4 hours |
| | Team leader - tools of an effective leader, conflict resolution in a team, proper | |
| | communication. Form of classes: workshops. | |
| 4. | Films promoting Poland | 3 hours |